

T8461

Trusted TMR 24/48 Vdc Digital Output Module

Clear signals. Correct interfaces. Safer startups.

Product Overview

ICS Triplex T8461 is a Trusted TMR 24/48 Vdc Digital Output Module. In the Trusted 8000 system it drives forty monitored 24/48 Vdc loads with triplicated command processing and per-channel diagnostics; it handles discrete 18–58 Vdc outputs, measured current and voltage status, and line-fault data and operates with T8100 or T8300 chassis, matching field termination, Trusted TMR processor and TOOLSET configuration. Typical uses include Shutdown solenoids, Trip relays, Fire and gas outputs.

Verified Technical Reference

Manufacturer	ICS Triplex (Rockwell Automation)
Model	T8461
Product Type	Trusted TMR 24/48 Vdc Digital Output Module
System Family	Trusted 8000
Channel / Interface Summary	40 outputs in five groups of eight; 18–58 Vdc field supply
Signal Role	discrete 18–58 Vdc outputs, measured current and voltage status, and line-fault data
Official Device Dimensions	266 × 31 × 303 mm
Official Weight / Mass	1.3 kg
Country of origin	Verify the physical nameplate and current Rockwell Automation order record
Tariff Code	8537101101
Official Source	Rockwell Automation ICSTT-RM451D-EN-P

Core Functions

- drives forty monitored 24/48 Vdc loads with triplicated command processing and per-channel diagnostics
- Processes discrete 18–58 Vdc outputs, measured current and voltage status, and line-fault data
- Exchanges data and diagnostics with T8100 or T8300 chassis, matching field termination, Trusted TMR processor and TOOLSET configuration
- Reports module and channel status through the controller architecture
- Supports the safety or high-integrity control strategy described by the official manual

Key Features

- 40 outputs in five groups of eight; 18–58 Vdc field supply
- Designed for the Trusted 8000 architecture
- drives forty monitored 24/48 Vdc loads with triplicated command processing and per-channel diagnostics
- Model-specific keying, termination and configuration requirements are retained
- Official diagnostics and redundancy behavior must be commissioned in the host system

Compatible Components

T8100 or T8300 chassis, matching field termination, Trusted TMR processor and TOOLSET configuration

Official Source

Rockwell Automation ICSTT-RM451D-EN-P

https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm451_-en-p.pdf

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